

<b>REISSUE APPLICATION DECLARATION BY THE INVENTOR</b>	Docket Number (Optional) 10159-RE (HPC-100US)
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As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is described and claimed in patent number 6,558,513 B1, granted May 6, 2003, and for which a

reissue patent is sought on the invention entitled NON-AQUEOUS RELEASE FROM PAPER MACHINE EQUIPMENT,

the specification of which

is attached hereto.

was filed on \_\_\_\_\_ as reissue application number \_\_\_\_\_ / \_\_\_\_\_  
and was amended on \_\_\_\_\_  
(If applicable)

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)

by reason of a defective specification or drawing.

by reason of the patentee claiming more or less than he had the right to claim in the patent.

by reason of other errors.

At least one error upon which reissue is based is described as follows: During the prosecution of the application that issued as the above-titled patent, I did not recognize the fact that the lowest molecular weight possible for a compound of formula (I) is 112, i.e. in the case where n=0 and R<sub>5</sub>=H. Since all claims admit of the possibility that at least one of the non-curing hydrocarbon polymers of formula (I) has a number average molecular weight of below 112, which is inherently impossible in view of the structure shown in formula (I), all of the claims are flawed by virtue of claiming some embodiments that are manifestly impossible. Similar incorrect references to molecular weights below 112 appear in the Summary of the Invention, the Detailed Description of the Invention, and the Abstract. Accordingly, it is respectfully submitted that when formula (I), found at column 3, line 46, is examined, it is seen that the lower limit of 112 molecular weight is inherently taught in the specification. To the best of my knowledge and understanding, all errors corrected in this reissue application arose without any deceptive intent on the part of the applicant.

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## (REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2)

Docket Number (Optional)  
10159-RE (HPC-100US)

All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant. As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Name(s) Registration Number

Paul F. Prestia	23,031
Frank P. Tise	50,379

Correspondence Address: Direct all communications about the application to:

 Customer Number
Place Customer Number  
Bar Code Label here

OR

Type Customer Number here

<input checked="" type="checkbox"/> Firm or Individual Name	Gary A. Samuels, Chief Counsel, Intellectual Property				
Address	Hercules Incorporated				
Address	Hercules Plaza, 1313 North Market Street				
City	Wilmington	State	DE	ZIP	19894-0001
Country	USA				
Telephone	(302) 594-6813	Fax	(302) 594-6998		

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.

Full name of sole or first inventor (given name, family name)

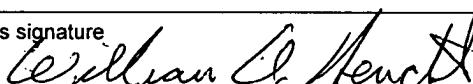
Jacqueline K. Pease

Inventor's signature

Residence St. Johns County, St. Augustine, Florida	Date 8/7/03
Mailing Address 236 River Plantation Road South St. Augustine, FL 32092	Citizenship USA

Full name of second joint inventor (given name, family name)

William A. Hendriks

Inventor's signature 	Date 8/7/03
Residence St. Johns County, Jacksonville, Florida	Citizenship USA

Mailing Address  
112 Rustic Oaks Lane, Jacksonville, FL 32259

Full name of third joint inventor (given name, family name)

Inventor's signature

Residence

Mailing Address

Date

Citizenship

<b>REISSUE APPLICATION DECLARATION BY THE ASSIGNEE</b>		Docket Number (optional) 10159-RE (HPC-100US)
<p>I hereby declare that:</p> <p>My residence and post office address and citizenship are stated below next to my name.</p> <p>I am authorized to act on behalf of the following assignee: <u>Hercules Incorporated</u></p> <p>and the title of my position with said assignee is: <u>Chief Counsel, Intellectual Property</u></p> <p>The entire title to the patent identified below is vested in said assignee.</p>		
<p>Name of Patentee(s): Jacqueline K. Pease and William A. Hendriks</p>		
Patent Number 6,558,513 B1	Date of Patent Issued May 6, 2003	
<p>Title of Invention NON-AQUEOUS RELEASE FROM PAPER MACHINE EQUIPMENT</p>		
<p>I believe said patentee(s) to be the original, first and sole/joint inventor(s) of the subject matter which is described and claimed in said patent, for which a reissue patent is sought on the invention entitled NON-AQUEOUS RELEASE FROM PAPER MACHINE EQUIPMENT</p>		
<p>the specification of which</p> <p><input checked="" type="checkbox"/> is attached hereto.</p> <p><input type="checkbox"/> was filed on _____ as reissue application number _____ / and was amended on (If applicable)</p>		
<p>I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.</p>		
<p>I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.</p>		
<p>I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)</p>		
<p><input checked="" type="checkbox"/> by reason of a defective specification or drawing.</p> <p><input checked="" type="checkbox"/> by reason of the patentee claiming more or less than he had the right to claim in the patent.</p> <p><input type="checkbox"/> by reason of other errors.</p>		
<p>At least one error upon which reissue is based is described as follows: During the prosecution of the application that issued as the above-titled patent, I did not recognize the fact that the lowest molecular weight possible for a compound of formula (I) is 112, i.e. in the case where n=0 and R<sub>5</sub>=H. Since all claims admit of the possibility that at least one of the non-curing hydrocarbon polymers of formula (I) has a number average molecular weight of below 112, which is inherently impossible in view of the structure shown in formula (I), all of the claims are flawed by virtue of claiming some embodiments that are manifestly impossible. Similar incorrect references to molecular weights below 112 appear in the Summary of the Invention, the Detailed Description of the Invention, and the Abstract. Accordingly, it is respectfully submitted that when formula (I), found at column 3, line 46, is examined, it is seen that the lower limit of 112 molecular weight is inherently taught in the specification. To the best of my knowledge and understanding, all errors corrected in this reissue application arose without any deceptive intent on the part of the applicant.</p>		

## (REISSUE APPLICATION DECLARATION BY THE ASSIGNEE)

Docket Number (Optional )  
10159-RE (HPC-100US)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Name(s) Registration Number

Paul F. Prestia 23,031

Frank P. Tise 50,379

Gary A. Samuels 20,811

Joanne Mary Fobare Rossi 43,061

Correspondence Address: Direct all communications about the application to:

 Customer Number
Place Customer  
Number Bar Code  
Label Here

OR

Type Customer Number Here

 Firm or  
Individual  
Name

Gary A. Samuels  
Chief Counsel, Intellectual Property

Address

Hercules Incorporated

Address

Hercules Plaza, 1313 North Market Street

City

Wilmington

State

DE

Zip

19894-0001

Country

USA

Telephone

(302) 594-6813

Fax

(302) 594-6998

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.

Full name of person signing (given name, family name)  
Gary A. Samuels

Signature

Date

Address of Assignee

Hercules Incorporated

Hercules Plaza, 1313 North Market Street, Wilmington, DE 19894-0001

Patentee

Jacqueline K. Pease

Citizenship

USA

Residence/Post Office Address

236 River Plantation Road South, St. Augustine, FL 32092

Patentee

William A. Hendriks

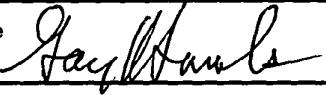
Citizenship

USA

Residence/Post Office Address

112 Rustic Oaks Lane, Jacksonville, FL 32259

Additional Patentees are named on separately numbered sheets attached hereto.

<b>REISSUE APPLICATION: CONSENT OF ASSIGNEE; STATEMENT OF NON-ASSIGNMENT</b>		Docket Number (Optional) 10159-RE (HPC-100US)
This is part of the application for a reissue patent based on the original patent identified below.		
Name of Patentee(s)  Jacqueline K. Pease and William A. Hendriks		
Patent Number  6,558,513 B1	Date Patent Issued  May 6, 2003	
Title of Invention  NON-AQUEOUS RELEASE FROM PAPER MACHINE EQUIPMENT		
<p>1. <input checked="" type="checkbox"/> Filed herein is a certificate under 37 CFR 3.73(b).</p> <p>2. <input type="checkbox"/> Ownership of the patent is in the inventor(s), and no assignment of the patent has been made.</p>		
One of boxes 1 or 2 above must be checked. If multiple assignees, complete this form for each assignee. If box 2 is checked, skip the next entry and go directly to "Name of Assignee".  The written consent of all assignees and inventors owning an undivided interest in the original patent is included in this application for reissue.		
The assignee owning an undivided interest in said original patent is/are <u>Hercules Incorporated</u> and the assignee(s) consents to the accompanying application for reissue.		
Name of assignee/inventor (if not assigned)  Hercules Incorporated		
Signature  	Date  <u>August 8, 2003</u>	
Typed or printed name and title of person signing for assignee (if assigned)  Gary A. Samuels, Chief Counsel, Intellectual Property		

Burden Hour Statement: This form is estimated to take 0.1 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

17302 U.S. PTO  
10/645281**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Hercules IncorporatedApplication No./Patent No.: 6,558,513 B1Filed/Issue Date: May 6, 2003Entitled: NON-AQUEOUS RELEASE FROM PAPER MACHINE EQUIPMENTHercules Incorporated, a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1  the assignee of the entire right, title, and interest; OR

2  an assignee of less than the entire right, title and interest.  
The extent (by, percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

A.  An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 012349, Frame 0355, or for which a copy thereof is attached.

OR

B.  A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To:  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To:  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To:  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

August 8, 2003

Date

Gary A. Samuels

Typed or printed name

Signature

Chief Counsel, Intellectual Property

Title



UNITED STATES  
PATENT AND  
TRADEMARK OFFICE

JANUARY 31, 2002

PTAS

Under Secretary of Commerce For Intellectual Property and  
Director of the United States Patent and Trademark Office  
Washington, DC 20231  
[www.uspto.gov](http://www.uspto.gov)

HERCULES INCORPORATED  
GARY SAMUELS  
1313 NORTH MARKET STREET  
WILMINGTON, DE 19894



\*101913728A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF  
THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS  
AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER  
REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE  
INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA  
PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD  
FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY  
CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723.  
PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE,  
ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY,  
SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 12/11/2001

REEL/FRAME: 012349/0355  
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:  
PEASE, JACQUELINE K.

DOC DATE: 06/04/2001

ASSIGNEE:  
HENDRIKS, WILLIAM A.

DOC DATE: 06/04/2001

ASSIGNEE:  
HERCULES INCORPORATED  
1313 NORTH MARKET STREET  
LAW DEPARTMENT  
WILMINGTON, DELAWARE 19894

SERIAL NUMBER: 09866830  
PATENT NUMBER:

FILING DATE: 05/29/2001  
ISSUE DATE:

JEFFREY OLSEN, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

12-12-2001



Docket No.: 10159

ER SHEET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

ILY

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101913728

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Jacqueline K. Pease  
William A. Hendriks

12-11-61

2. Name and address of receiving party(ies):

Name: Hercules Incorporated

Internal Address: Law Department

Additional names(s) of conveying party(ies)

Yes  No

3. Nature of conveyance:

Assignment       Merger  
 Security Agreement       Change of Name  
 Other \_\_\_\_\_

Execution Date: June 4, 2001

Street Address: 1313 North Market Street

City: Wilmington      State: DE      ZIP: 19894

Additional name(s) & address(es) attached?  Yes  No

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s)

09/866,830

B. Patent No.(s)

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Gary Samuels

Internal Address: Hercules Incorporated

6. Total number of applications and patents involved:  1

Street Address: 1313 North Market Street

12/12/2001 AHMED1 00000008 081800 09866830

01 FC:581

40.00 CH

City: Wilmington

State: DE ZIP: 19894

7. Total fee (37 CFR 3.41): \$ 40.00

Enclosed - Any excess or insufficiency should be credited or debited to deposit account  
 Authorized to be charged to deposit account

8. Deposit account number:

08-1800

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Gary Samuels, Reg.No.: 20,811

Oct 25, 2001

Name of Person Signing

Signature

4

Date

Total number of pages including cover sheet, attachments, and document:

Case DKT 10159

ASSIGNMENT

WHEREAS, We, Jacqueline K. Pease and William A. Hendriks of:

St. Augustine, in the County of St. Johns State of Florida  
Jacksonville, in the County of St. Johns State of Florida;

have invented certain new and useful improvements in NON-AQUEOUS RELEASE FROM PAPER MACHINE EQUIPMENT described in a patent application executed by us on the

\_\_\_\_ day of \_\_\_\_\_, 20\_\_;

\_\_\_\_ day of \_\_\_\_\_, 20\_\_; and identified as

DKT 10159, and of which improvements, in and for the United States, its territories, dependencies and possessions, and for all foreign countries, we are now the joint owners; and

WHEREAS, HERCULES INCORPORATED, a corporation duly organized and existing under and by virtue of the laws of the State of Delaware, and having its principal office and place of business in Wilmington, Delaware, is desirous of acquiring the entire right, title and interest, for the United States, its territories, dependencies and possessions, and for all foreign countries, in and to the said improvements, application, invention or inventions, and any Letters Patent that might be granted therefor or thereupon, the said HERCULES INCORPORATED, its successors and assigns, being hereinafter referred to as "HERCULES."

NOW, THEREFORE, be it known that for good and valuable consideration by us received from said HERCULES, the receipt of which is hereby acknowledged, we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, to and unto HERCULES, our entire right, title and interest, for and in the United States, its territories, dependencies and possessions, and for and in all foreign countries, in and to:

- (1) Said invention or inventions, and, in, to and under the above-identified patent application, and
- (2) All improvements and modifications of said invention or inventions which we, solely or jointly have made or conceived, or shall make or conceive, while we are employed by HERCULES, and
- (3) All Letters Patent which may be granted by the United States of America, and countries foreign thereto, for or upon said application, invention or inventions, or said improvements or modifications, and in, to and under all reissues and extensions of said Letters Patent, and in, to and under all renewals, divisions, substitutes and continuations of the aforesaid application, and of any application filed in any country for any improvement or modification mentioned in clause (2) above;

and we hereby authorize and request the Commissioner of Patents to issue all Letters Patent of the United States of America on the said invention or inventions to HERCULES as assignee of the entire interest therein.

The inventions and the improvements and modifications mentioned in clauses (1), (2), and (3), above, are hereinafter referred collectively as "said inventions".

And, for the above-mentioned considerations, we do hereby covenant and agree:

**First:** That we will promptly and fully disclose to HERCULES all such improvements and modifications invented by us, and we will freely, fully and promptly communicate (in writing if requested) to HERCULES, or its nominee, all facts, information and evidence possessed or known by or available to us which concern "said inventions", and, at the request of HERCULES, that we will testify in interferences and other legal proceedings which may involve "said inventions".

**Second:** That we will render HERCULES, at its expense, all assistance which in its sole opinion is necessary to obtain and enforce patent protection in the United States, its territories, dependencies and possessions, and countries foreign thereto, for "said inventions". If we are not employed by HERCULES, a reasonable per diem charge shall be paid by HERCULES for time spent by us in such connection.

**Third:** That we will, at the request and at the expense of HERCULES, but without further compensation therefor, execute - (a) any and all original, divisional, continuation, substitute, renewal or other applications for Letters Patent of the United States, its territories, dependencies and possessions, and of foreign countries, for "said inventions", (b) any and all applications for the reissue or extension of any Letters Patent of the United States, its territories, dependencies and possessions, and of foreign countries that may be granted upon said application or for "said inventions", and (c) all assignments and other papers that HERCULES may deem necessary or expedient to secure the grant of each and all of said Letters Patent to HERCULES, or its nominee, and to protect and vest in HERCULES the entire right, title and interest, for the United States, its territories, dependencies and possessions, and for foreign countries, in and to "said inventions" and Letters Patent of the United States, its territories, dependencies and possessions, and for foreign countries.

IN TESTIMONY WHEREOF, we have hereunto set our hand respectively this  
6th day of June, 2001.

Jacqueline K. Pease (L. S.)  
Jacqueline K. Pease

William A. Hendriks (L. S.)  
William A. Hendriks

STATE OF )  
              ) SS.  
COUNTY OF )

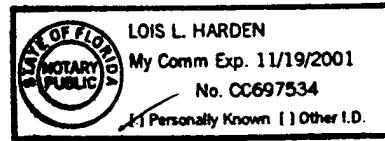
I, the undersigned, a Notary Public in and for the State and County aforesaid, do hereby certify that William A. Hendriks, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he executed the said instrument as his free and voluntary act, for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and notarial seal this  
4 day of June, 2021.

Pois L Hayden Notary Public

My commission expires 11-19-2001

SEAL



STATE OF Florida )  
COUNTY OF Duval ) SS.

I, the undersigned, a Notary Public in and for the State and County aforesaid, do hereby certify that Jacqueline K. Pease, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he executed the said instrument as his free and voluntary act, for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and notarial seal this  
4 day of June, 2001

Lei L. Haden Notary Public

